

Title (en)  
METHOD FOR ENCODING/DECODING IMAGE, AND DEVICE USING SAME

Title (de)  
VERFAHREN ZUR CODIERUNG/DECODIERUNG VON BILDERN UND VORRICHTUNG DAMIT

Title (fr)  
PROCÉDÉ DE CODAGE/DÉCODAGE D'UNE IMAGE, ET DISPOSITIF L'UTILISANT

Publication  
**EP 2934012 A4 20160824 (EN)**

Application  
**EP 13864810 A 20131217**

Priority  
• US 201261737828 P 20121217  
• US 201361752977 P 20130116  
• KR 2013011755 W 20131217

Abstract (en)  
[origin: EP2934012A2] A method for decoding an image, and a device using the same are disclosed. The method for decoding an image comprises the steps of: inducing a chroma component block corresponding to a luma component block on the basis of chroma format information indicating chroma component sampling corresponding to luma component sampling; dividing the chroma component block into transformation blocks of a chroma component for transformation on the basis of division information indicating whether a first block has been divided into second blocks for transformation; and acquiring residual information on the transformation blocks of the chroma component by performing at least one of inverse transformation and inverse quantization on the basis of the transformation blocks of the chroma component.

IPC 8 full level  
**H04N 19/176** (2014.01); **H04N 19/119** (2014.01); **H04N 19/122** (2014.01); **H04N 19/136** (2014.01); **H04N 19/186** (2014.01); **H04N 19/61** (2014.01)

CPC (source: EP US)  
**H04N 19/119** (2014.11 - EP US); **H04N 19/122** (2014.11 - EP US); **H04N 19/124** (2014.11 - US); **H04N 19/136** (2014.11 - EP US); **H04N 19/159** (2014.11 - US); **H04N 19/176** (2014.11 - EP US); **H04N 19/186** (2014.11 - EP US); **H04N 19/60** (2014.11 - US); **H04N 19/61** (2014.11 - EP US); **H04N 19/70** (2014.11 - US); **H04N 19/91** (2014.11 - US)

Citation (search report)  
• [E] WO 2014055344 A1 20140410 - QUALCOMM INC [US]  
• [XAYI] BROSS B ET AL: "High Efficiency Video Coding (HEVC) text specification draft 8", 10. JCT-VC MEETING; 101. MPEG MEETING; 11-7-2012 - 20-7-2012; STOCKHOLM; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-J1003, 23 July 2012 (2012-07-23), XP030112947  
• [XYI] ROSEWARNE (CISRA) C ET AL: "AHG7: Transforms for extended chroma formats", 11. JCT-VC MEETING; 102. MPEG MEETING; 10-10-2012 - 19-10-2012; SHANGHAI; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-K0171, 1 October 2012 (2012-10-01), XP030113053  
• [Y] LIM (SK TELECOM) J ET AL: "Video coding technology proposal by SK telecom, Sejong University and Sungkyunkwan University", 1. JCT-VC MEETING; 15-4-2010 - 23-4-2010; DRESDEN; (JOINTCOLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-TSG.16 ); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-A113, 13 April 2010 (2010-04-13), XP030007551, ISSN: 0000-0049  
• See references of WO 2014098456A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2934012 A2 20151021; EP 2934012 A4 20160824; EP 2934012 B1 20200902**; CN 104885463 A 20150902; CN 104885463 B 20180731; JP 2016506154 A 20160225; JP 6144776 B2 20170607; KR 102267518 B1 20210622; KR 20150096375 A 20150824; US 2015373332 A1 20151224; US 9743091 B2 20170822; WO 2014098456 A2 20140626; WO 2014098456 A3 20141023

DOCDB simple family (application)  
**EP 13864810 A 20131217**; CN 201380069329 A 20131217; JP 2015549252 A 20131217; KR 2013011755 W 20131217; KR 20157011910 A 20131217; US 201314652655 A 20131212